

Title (en)  
STEAM TURBINE IN THREE-SHELLED ARCHITECTURE

Title (de)  
DAMPFTURBINE IN DREISCHALIGER BAUWEISE

Title (fr)  
TURBINE À VAPEUR EN CONSTRUCTION À TROIS COQUILLES

Publication  
**EP 2652271 A1 20131023 (DE)**

Application  
**EP 11805032 A 20111222**

Priority  
• EP 11154199 A 20110211  
• EP 2011073744 W 20111222  
• EP 11805032 A 20111222

Abstract (en)  
[origin: EP2487337A1] The turbomachine (1) has an outer housing (2) into which inner housing is provided. The inner housing comprising an inner structure (3) and outer structure (4) that are provided around a rotor (5), such that inner structure is made of a higher-quality material than that of outer structure. A medium-pressure inflow generating unit (7) is provided in outer structure of inner housing for generating flow of medium-pressure stream (18), such that flow direction of medium-pressure stream is same as that of high-pressure stream (19).

IPC 8 full level  
**F01D 25/26** (2006.01); **F01D 25/14** (2006.01)

CPC (source: EP)  
**F01D 25/14** (2013.01); **F01D 25/26** (2013.01); **F05D 2220/72** (2013.01)

Citation (search report)  
See references of WO 2012107140A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2487337 A1 20120815**; CN 103370498 A 20131023; CN 103370498 B 20160608; EP 2652271 A1 20131023; WO 2012107140 A1 20120816

DOCDB simple family (application)  
**EP 11154199 A 20110211**; CN 201180067356 A 20111222; EP 11805032 A 20111222; EP 2011073744 W 20111222